PTO/SB/44 (02-01)
Approved for use through 01/31/2004. OMB 0651-0033
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : **7,171,475**

DATED : **January 30, 2007**

INVENTOR(S) : **Daniel R. Weisman, et al.**

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "U.S. Patent Documents", in column 2, line 21, delete "719/318" and insert - - 719/316 - -, therefor.

In column 7, line 23, delete "<urn>" and insert - - <url> - -, therefor.

In column 8, line 10, delete "fall" and insert - - full - -, therefor.

In column 8, line 36, delete "LTPnP" and insert - - UPnP - -, therefor.

In column 9, line 14, delete "IUPnPDeviceControl   :Initialize" and insert - - IUPnPDeviceControl::Initialize - -, therefor.

In column 12, line 30, delete "GetAutomationProxyy" and insert - - GetAutomationProxy - -, therefor.

In column 15, line 39, after "string" insert - - . - -.

In column 15, line 61, delete "KIPnPEventSink" and insert - - **IUPnPEventSink** - -, therefor.

In column 16, line 28, delete "IUPnPEventSource:Unadvise" and insert - - IUPnPEventSource::Unadvise - -, therefor.

In column 18, line 9, delete "0,then" and insert - - **0, then** - -, therefor.

In column 22, line 65, delete "empty" and insert - - **fEmpty** - -, therefor.

In column 24, line 54, delete "Exemplar" and insert - - Exemplary - -, therefor.

In column 24, line 65, delete "x86,Pentium" and insert - - **x86, Pentium** - -, therefor.

MAILING ADDRESS OF SENDER:

CPA Global
P.O. Box 52050
Minneapolis, MN 55402

Atty Docket No: 155577.02

PATENT NO. **7,171,475**

No. of additional copies

⟹ Page 5 of 14

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   : **7,171,475**

DATED   : **January 30, 2007**

INVENTOR(S)   : **Daniel R. Weisman, et al.**

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 27, line 51, after "objects" insert - - . - -.

In column 28, line 26, delete "Intialize" and insert - - Initialize - -, therefor.

In column 28, lines 30-31, delete "bstrInitstring" and insert - - bstrInitString - -, therefor.

In column 28, line 31, delete "bstrdeviceIdentifier" and insert - - bstrDeviceIdentifier - -, therefor.

In column 28, line 34, delete "bstr,XMLDesc" and insert - - bstrXMLDesc - -, therefor.

In column 28, lines 41-42, delete "RYPnPRegistrar" and insert - - IUPnPRegistrar - -, therefor.

In column 29, line 41, delete "UnegisterDeviceProvider" and insert - - UnregisterDeviceProvider - -, therefor.

In column 29-30, line 60, after "device" delete "hos" and insert - - host - -, therefor.

In column 30, line 4, delete "bstrInitstring" and insert - - bstrInitString - -, therefor.

In column 30, line 32, delete "0,then" and insert - - 0, then - -, therefor.

In column 30, line 37, after "device" insert - - . - -.

In column 30, lines 50-63, delete "string" and insert - - String - -, therefor.

In column 31, line 3, delete "punkDevice Control" and insert - - punkDeviceControl - -, therefor.

MAILING ADDRESS OF SENDER:

CPA Global
P.O. Box 52050
Minneapolis, MN 55402

Atty Docket No: 155577.02

PATENT NO. 7,171,475

No. of additional copies

Page 6 of 14

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   : **7,171,475**

DATED   : **January 30, 2007**

INVENTOR(S)   : **Daniel R. Weisman, et al.**

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 31, line 7, delete "IUnPDeviceControl" and insert - - IUPnPDeviceControl - -, therefor.

In column 31, line 18, after "device" insert - - . - -.

In column 31, lines 32-33, delete "bstrInitstring" and insert - - bstrInitString - -, therefor.

In column 32, line 17, delete "bstrdeviceidentifier" and insert - - bstrDeviceIdentifier - -, therefor.

In column 33, line 38, delete "bstrdeviceidentifier" and insert - - bstrDeviceIdentifier - -, therefor.

In column 33, line 56, delete "bstrInitstring" and insert - - bstrInitString - -, therefor.

In column 34, lines 12-13, delete "bstrdeviceidentifier" and insert - - bstrDeviceIdentifier - -, therefor.

In column 34, line 14, delete "bstrInitstring" and insert - - bstrInitString - -, therefor.

In column 35, line 28, delete "bstrInitstring" and insert - - bstrInitString - -, therefor.

In column 35, line 31, delete "bstrInitstring" and insert - - bstrInitString - -, therefor.

In column 35, line 39, delete "IUPnDeviceProvider" and insert - - IUPnPDeviceProvider - -, therefor.

In column 35, line 44, delete "S OK" and insert - - S_OK - -, therefor.

MAILING ADDRESS OF SENDER:

CPA Global
P.O. Box 52050
Minneapolis, MN 55402

Atty Docket No: 155577.02

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   : **7,171,475**

DATED   : **January 30, 2007**

INVENTOR(S)   : **Daniel R. Weisman, et al.**

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 36, line 8, delete "UPNP" and insert - - UPnP - -, therefor.

In column 36, line 32, delete "rgdispidchanges" and insert - - rgdispidChanges - -, therefor.

In column 36, line 39, delete "rgdispidchanges" and insert - - rgdispidChanges - -, therefor.

In column 36, line 53, delete "rgdispidchanges" and insert - - rgdispidChanges - -, therefor.

In column 37, line 28, after "events" insert - - . - -.

In column 37, line 60, delete "IUPnPEventSource: Unadvise" and insert - - IUPnPEventSource::Unadvise - -, therefor.

In column 38, line 3, delete "**R**unknown" and insert - - **I**Unknown - -, therefor.

In column 38, line 32, delete "size is" and insert - - size_is - -, therefor.

In column 38, line 60, after "request" insert - - . - -.

In column 39, line 28, delete "Interface"" and insert - - Interface" - -, therefor.

In column 39, line 52, delete "IUnPServiceDescriptionInfo" and insert - - IUPnPServiceDescriptionInfo - -, therefor.

In column 39, line 53, delete "Get VariableType" and insert - - GetVariableType - -, therefor.

In column 39, line 58, delete "BSTR*pbstrType" and insert - - BSTR *pbstrType - -, therefor.

In column 40, line 21, delete "BSTR*pbstrType" and insert - - BSTR *pbstrType - -, therefor.

MAILING ADDRESS OF SENDER:

CPA Global
P.O. Box 52050
Minneapolis, MN 55402

Atty Docket No: 155577.02

PATENT NO. **7,171,475**

No. of additional copies

⇨ Page 8 of 14

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   : **7,171,475**

DATED   : **January 30, 2007**

INVENTOR(S)   : **Daniel R. Weisman, et al.**

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 40, line 59, delete "BSTR*pbstrName" and insert - - BSTR *pbstrName - -, therefor.

In column 44, line 34, after "where" delete "where".

In column 45, line 52, delete "2136.While" and insert - - 2136. While - -, therefor.

In column 48, line 39, delete "perhaps" and insert - - (perhaps - -, therefor.

In column 49, line 31, delete "urn:schema" and insert - - urn:schemas - -, therefor.

In column 49, lines 37-38, delete "1.0,product" and insert - - 1.0, product - -, therefor.

In column 51, line 37, delete "uuid:controlpoint" and insert - - uuid:control point - -, therefor.

In column 52, line 3, delete "upnp:rootdevicc" and insert - - upnp:rootdevice - -, therefor.

In column 52, line 5, delete "uuid: schemas-upnp-org: device:device-type device-UUID" and insert - - uuid:schemas-upnp-org:device:device-type:device-UUID - -, therefor.

In column 52, line 27, delete "URL,for" and insert - - URL for - -, therefor.

In column 52, line 30, delete "uuid:controlpoint" and insert - - uuid:control point - -, therefor.

In column 52, line 32, delete "1.0,product" and insert - - 1.0, product - -, therefor.

In column 52, lines 62-63, delete "1.0,product" and insert - - 1.0, product - -, therefor.

MAILING ADDRESS OF SENDER:

CPA Global
P.O. Box 52050
Minneapolis, MN 55402

Atty Docket No: 155577.02

PATENT NO. 7,171,475

No. of additional copies

⇨ Page 9 of 14

I PTO/SB/44 (02-01)
Approved for use through 01/31/2004. OMB 0651-0033
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   : **7,171,475**

DATED   : **January 30, 2007**

INVENTOR(S)   : **Daniel R. Weisman, et al.**

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 53-54, line 19 (in programming), delete "code</UPC>" and insert - - **Code</UPC>** - -, therefor.

In column 55-56, line 19 (in programming), delete ">/SCPDURL>" and insert - - **</SCPDURL>** - -, therefor.

In column 55-56, line 34, delete "<presentation URL>" and insert - - <presentationURL> - -, therefor.

In column 55, line 41, delete "urn: schemas" and insert - - urn:schemas - -, therefor.

In column 57, line 10, delete "device:," and insert - - :device:, - -, therefor.

In column 57, line 12, delete "type: UUID" and insert - - type:UUID - -, therefor.

In column 57, line 24, delete "48x48x8.Contains" and insert - - 48x48x8. Contains - -, therefor.

In column 58, line 65, delete "UPnP" and insert - - UPNP - -, therefor.

In column 59, line 51, delete ""presentationURL,"minOccurs" and insert - - "presentationURL" minOccurs - -, therefor.

In column 61, line 15, delete "description:por" and insert - - description:port - -, therefor.

In column 61, line 51, delete "1.0,product" and insert - - 1.0, product - -, therefor.

In column 63-64, line 25 (in programming), delete "<allowed ValueRange>" and insert - - <allowedValueRange> - -, therefor.

MAILING ADDRESS OF SENDER:

PATENT NO. **7,171,475**

No. of additional copies

⇨ Page 10 of 14

Atty Docket No: **155577.02**

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   : **7,171,475**

DATED   : **January 30, 2007**

INVENTOR(S)   : **Daniel R. Weisman, et al.**

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 65, line 13, delete "**LTPnP**" and insert - - **UPnP** - -, therefor.

In column 65, line 22, delete "**2147483647,i.**e.," and insert - - **2147483647, i.**e., - -, therefor.

In column 65, line 47, delete "**0,false**" and insert - - **0, false** - -, therefor.

In column 65, line 47, delete "**1,true**" and insert - - **1, true** - -, therefor.

In column 66, line 8, delete "**r8.At**" and insert - - **r8. At** - -, therefor.

In column 67-68, line 5 (in programming), delete ""**textOnly"dt:type**" and insert - - "**textOnly" dt:type** - -, therefor.

In column 67-68, line 20 (in programming), delete ""**eltOnly"model**" and insert - - "**eltOnly" model** - -, therefor.

In column 67-68, line 23 (in programming), delete ""**defaultValue"minOccurs**" and insert - - "**defaultValue" minOccurs** - -, therefor.

In column 67-68, line 31 (in programming), delete ""**serviceStateTable= content**" and insert - - "**serviceStateTable" content** - -, therefor.

In column 67-68, line 32 (in programming), delete ""**stateVariable"minOccurs="1"maxOccurs**" and insert - - "**stateVariable" minOccurs="1" maxOccurs** - -, therefor.

In column 67-68, line 34 (in programming), delete ""**textOnly"dt:type**" and insert - - "**textOnly" dt:type** - -, therefor.

MAILING ADDRESS OF SENDER:

CPA Global
P.O. Box 52050
Minneapolis, MN 55402

Atty Docket No: 155577.02

PATENT NO. 7,171,475

No. of additional copies

Page 11 of 14

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   : 7,171,475

DATED   : January 30, 2007

INVENTOR(S)   : Daniel R. Weisman, et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 67-68, line 47, delete ""0"maxOccurs" and insert - - "0" maxOccurs - -, therefor.

In column 67-68, line 49, delete ""scpd"content" and insert - - "scpd" content - -, therefor.

In column 69, line 21, delete "minOccurs=0.maxOccurs" and insert - - minOccurs=0. maxOccurs - -, therefor.

In column 69, line 45, delete "UPuP" and insert - - UPnP - -, therefor.

In column 70, line 22, delete "0,and" and insert - - 0, and - -, therefor.

In column 70, line 24, delete "1,i.e.," and insert - - 1, i.e., - -, therefor.

In column 70, line 25, delete "1,this" and insert - - 1, this - -, therefor.

In column 70, line 28, delete "1,i.e.," and insert - - 1, i.e., - -, therefor.

In column 72, line 61, delete "text/x1m" and insert - - text/xlm - -, therefor.

In column 74, line 31, delete "text/x1m" and insert - - text/xlm - -, therefor.

In column 74, line 2 (in programming), delete "LENGTH:bytes" and insert - - LENGTH: bytes - -, therefor.

In column 75, line 13, delete "text/x1m" and insert - - text/xlm - -, therefor.

In column 75, line 22, delete "1.0,comma" and insert - - 1.0, comma - -, therefor.

In column 75, line 58, delete "LENGTH:bytes" and insert - - LENGTH: bytes - -, therefor.

MAILING ADDRESS OF SENDER:

PATENT NO. 7,171,475

CPA Global
P.O. Box 52050
Minneapolis, MN 55402

No. of additional copies

Page 12 of 14

Atty Docket No: 155577.02

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   : 7,171,475

DATED   : January 30, 2007

INVENTOR(S)   : Daniel R. Weisman, et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 77, line 43, delete "text/x1m" and insert - - text/xlm - -, therefor.

In column 77, line 66, delete "0.Contains" and insert - - 0. Contains - -, therefor.

In column 78, line 27, delete "vaules" and insert - - values - -, therefor.

In column 78, line 56, delete "text/x1m" and insert - - text/xlm - -, therefor.

In column 78, line 64, delete "1.0,comma" and insert - - 1.0, comma - -, therefor.

In column 79, line 13, delete "0.Contains" and insert - - 0. Contains - -, therefor.

In column 79, line 66, after "committee or" delete "as".

In column 80, line 66, delete "or'more" and insert - - or more - -, therefor.

In column 83, line 53, delete "LRLs" and insert - - URLs - -, therefor.

In column 84, line 7, delete "1.0,product" and insert - - 1.0, product - -, therefor.

In column 84, line 22, delete "1.0,comma" and insert - - 1.0, comma - -, therefor.

In column 84, line 32, delete "Second-followed" and insert - - Second- followed - -, therefor.

In column 85, line 49, delete "Second-followed" and insert - - Second- followed - -, therefor.

In column 86, line 36, delete "publisherpath" and insert - - publisher path - -, therefor.

MAILING ADDRESS OF SENDER: PATENT NO. 7,171,475

                                                                   No. of additional copies
CPA Global
P.O. Box 52050   ⇨ Page 13 of 14
Minneapolis, MN 55402

Atty Docket No: 155577.02

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   : **7,171,475**

DATED   : **January 30, 2007**

INVENTOR(S)   : **Daniel R. Weisman, et al.**

        It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

       In column 90, line 31, delete "**V.**" and insert - - **v.** - -, therefor.

       In column 89, line 52, delete ""**property"maxOccurs**" and insert - - "**property**" **maxOccurs** - -, therefor.

       In column 90, line 33, delete "**minimumdelta**" and insert - - **minimumDelta** - -, therefor.

       In column 90, line 56, delete "**UTRL**" and insert - - **URL** - -, therefor.

       In column 94, line 4, in Claim 3, delete "claim **1**" and insert - - claim **2** - -, therefor.

MAILING ADDRESS OF SENDER:

CPA Global
P.O. Box 52050
Minneapolis, MN 55402

Atty Docket No: 155577.02

PATENT NO. **7,171,475**

No. of additional copies

Page 14 of 14